1st and Final Bill

DOR ⇒ 24.08.2018

M.A.R. 57 (Rule 116)

Measurement Book

190022

No. C/09

Serial No.....

Name of work.....From.....To.....

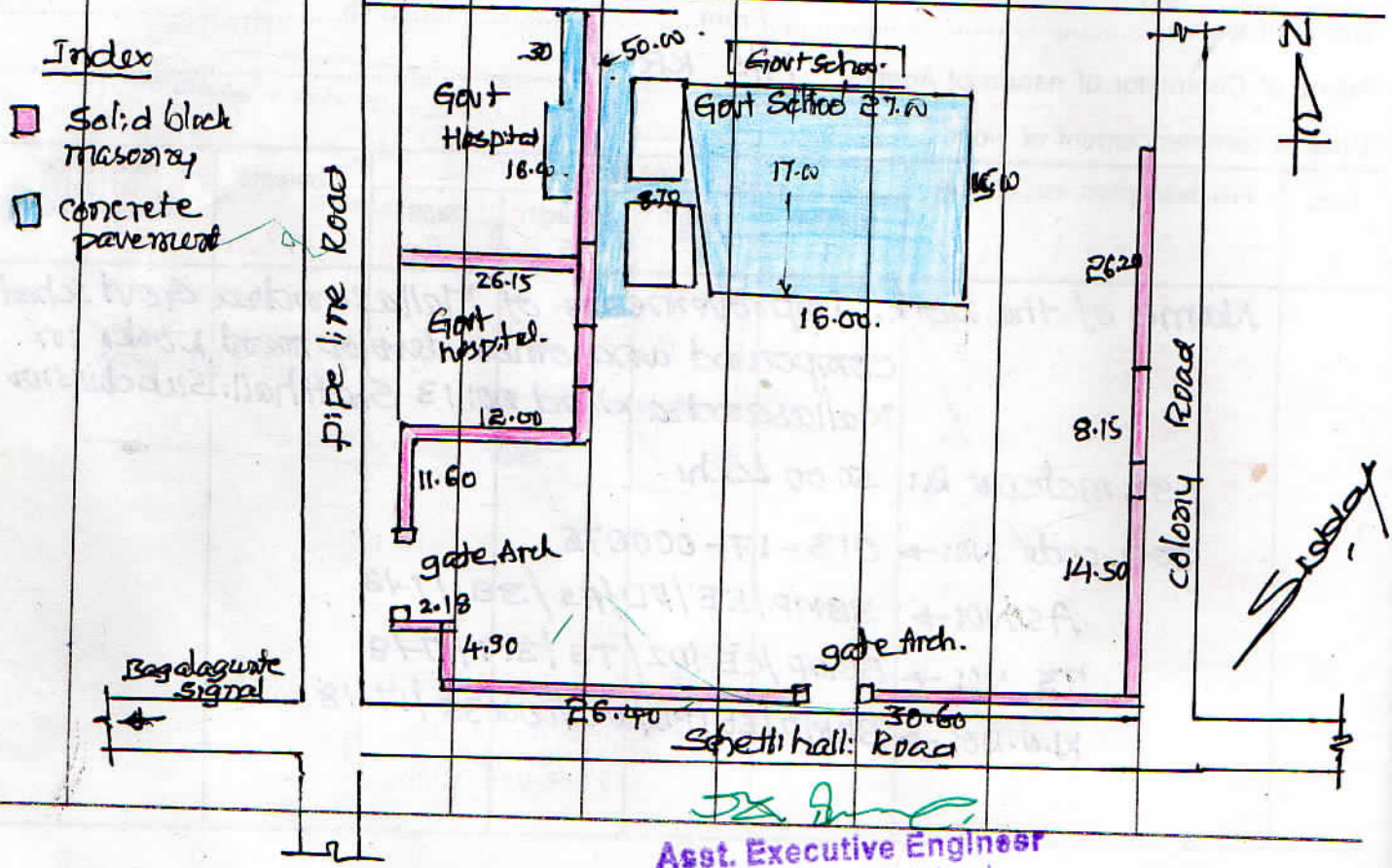
Name of Contractor of nature of Agency..... M/s KRIDL

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of the work: Improvements of Mallasandra Govt school compound and other development works in Mallasandra Ward no: 13 Shettihalli Sub division						
	Est: matecost Rs: 50.00 Lakhs.						
	JOB code No:→ 013-17-000076						
	AS NO:→ BBMP/EE/PD/AS/39/17-18						
	TS NO:→ BBMP/CE/DZ/TS/317/17-18						
	KI.O.NO:→ BBMP/EE/PD/K.O/000035/17-18						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Asst. Executive Engineer
Project Sub Division-I

M.A.R. 57 (Rule 116)

Measurement Book

190023

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation for foundation of buildings culverts, water supply, Sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in hard soil not exceeding 1.50 m in depth etc complete as per specification.						
	BF premeasurement Recorded in this MB vide page NO: 190067						
	i.e 264.43 M^3 @ Rate Rs 288.12/M^3					Rs 76187=57	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	Providing and laying in position cement concrete of mix 1:3:6 with OPC cement at 180kgs with 40mm and d/s graded granite metal machine mixed concrete laid in layers not exceeding 15cms thick well compacted etc complete as per Specification.						
	B.F. Premeasurement Recorded in this MB vide page No: 190067						
	ie 79.53 M^3 @ Rate Rs 5449.68/m^3					Rs	433413.05
3)	Providing and laying in position reinforced cement concrete of design mix M.25 with OPC cement @ 320kgs with 20mm and d/s graded granite metal coarse aggregate @ 0.878 cum and fine aggregate @ 0.459 cum with Super plastisizer machine mixed concrete laid in layers not exceeding 15cms thick well compacted including cost of all materials labour curing etc complete as per specification.						

M.A.R. 57 (Rule 116)

190024

Measurement Book

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BF Premeasurement Recorded in this MB Vide page No: 190069 ie 29.31 M^3 @Rate Rs 6876.36/m^3 Rs						201546-11
	4) Providing and Removing Centering and shuttering Strutting, propping etc for columns pillars, piers Abutments post & stools etc complete BF Premeasurement Recorded in this MB Vide page No: 190070 ie 373.94 M^2 @Rate Rs 395.28/m^2 Rs						147811=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5) Providing steel TMT reinforcement for RCC work including straightening cutting, bending, hooking placing in position lapping or welding tying with binding wire to the adjoining member etc complete as per specification.						
	BF pre measurement Recorded in this MB vide page No: 190073						
	ie	4.15	Tonne	@Rate	Rs 65455.56/-	Rs	271640=57
	6) Providing and constructing granite/trap/basalt size stone masonry in foundation with cement mortar 1:6 and hammer dressed in courses not less than 20 cms high etc complete as per specification						
	BF Pre measurement Recorded in this MB vide page No: 190074						
	ie	32.15	M^3	@Rate	Rs 4521.96/m^3	Rs	145381=01

M.A.R. 57 (Rule 116)

190025

Measurement Book **No. C/09**

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) Providing and constructing granite/trap/basalt Size stone masonry in Basement with cement mortar 1:6 and hammer dressed in courses not less than 15cms high etc complete as per Specification.						
	BF Premeasurement Recorded in this MB vide page No: 190074						
	ie	66.65	M^3 @ Rate	Rs 5405.40/m^3		Rs. 360269=9	
	8) Providing ruled pointing to coursed masonry with cement mortar 1:3 20mm deep after raking the joints to depth of 20mm nicely laying						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including cost all materials labour curing complete as per specification.						
	compound wall-	2	6.45	-	0.60	7.74	
		2	6.45	-	0.60	7.74	
		2	3.25	-	0.60	3.90	
		2	10.00	-	0.60	12.00	
	Back Side of Hospital Building.	1	6.10	-	$\frac{0.90+0.70}{2}$	4.88	
		1	4.70	-	1.90	8.93	
		1	28.00	-	1.90	53.20	
		1	30.00	-	1.30	39.00	
		1	16.00	-	2.20	35.20	
						172.59	M^2
			@ Rate Rs 105.84/m^2			Rs	18266.93

M.A.R. 57 (Rule 116)

190026

Measurement Book No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9) Providing and constructing precast concrete solid blocks with compressive strength not less than 4.00 Newton per Sqmm with cement mortar 1:4 masonry solid block of size 400x200x200 mm conforming to IS 2185/1965 for super structure etc complete as per specification.						
	From N-E corner side of School	1	30.00	—	1.80	54.00	
		1	20.00	—	1.80	36.00	
		1	16.50	—	1.80	29.70	
		1	6.80	—	1.80	12.24	
		1	9.70	—	1.80	17.46	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	12.00	–	2.15	25.80	
		1	11.60	–	2.20	25.52	
		1	2.18	–	1.80	3.92	
		1	4.90	–	1.80	8.82	
		1	26.40	–	2.40	63.36	
		1	30.00	–	2.40	72.00	
		1	0.60	–	2.40	1.44	
		1	14.50	–	2.10	30.45	
		1	8.15	–	2.10	17.12	
		1	26.20	–	2.20	57.64	
		1	6.45	–	1.20	7.74	
		1	6.45	–	1.20	7.74	
		1	3.25	–	1.20	3.90	
		1	10.00	–	1.20	12.00	
						486.85	

EXECUTIVE ENGINEER (Project)
Project Division
Bruhat Bangalore Mahanagara Palike,
Dasarahalli Zone, Bangalore-73.

M.A.R. 57 (Rule 116)

190027

Measurement Book

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	pillars	45	0.20	—	2.15	19.35	
		7	0.20	—	1.20	1.68	
						507.88 m^2	
						@ Rate Rs 1011.36/m^2	Rs 513954=24
10)	Providing 20 mm thick cement plaster in single coat with cement mortar 1:6 to stone masonry and concrete surface including rounding off corners wherever required smooth rendering pointing and removing scaffolding etc complete as per Specification.						

EXECUTIVE ENGINEER (Project)
Project Division
Bruhat Bangalore Mahanagara Palike,
Dasarahalli Zone, Bangalore-57

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	—	1.80	108.00	
	Top	1	30.00	—	0.30	9.00	
		2	20.00	—	1.80	72.00	
	Top	1	20.00	—	0.30	6.00	
		2	16.50	—	1.80	59.40	
	Top	1	16.50	—	0.30	4.95	
		2	6.80	—	1.80	24.48	
	Top	1	6.80	—	0.30	2.04	
		2	9.70	—	1.80	34.92	
	Top	1	9.70	—	0.30	2.91	
		2	12.00	—	2.15	51.60	
	Top	1	12.00	—	0.30	3.60	
		2	11.60	—	2.20	51.04	
	Top	1	11.60	—	0.30	3.48	

M.A.R. 57 (Rule 116)

190028

Measurement Book

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	2.18	—	1.60	7.85	
	TOP	1	2.18	—	0.30	0.65	
		2	4.90	—	1.80	17.64	
	TOP	1	4.90	—	0.30	1.47	
		2	26.40	—	2.40	126.72	
	TOP	1	26.40	—	0.30	7.92	
		2	30.60	—	2.40	148.88	
	TOP	1	30.60	—	0.30	9.18	
		2	14.50	—	2.10	60.90	
	TOP	1	14.50	—	0.30	4.35	